

PAT-NO: JP402024284A
DOCUMENT-IDENTIFIER: JP 02024284 A
TITLE: MOTORCYCLE HAVING ENGINE WITH SUPERCHARGER
PUBN-DATE: January 26, 1990

INVENTOR-INFORMATION:

NAME	COUNTRY
NONOGAKI, YOSHIAKI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
YAMAHA MOTOR CO LTD	N/A

APPL-NO: JP63172324

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INT-CL (IPC): B62J039/00 , B62M007/02 , F01P003/18 , F02B029/04 , F02B033/44

US-CL-CURRENT: 123/559.1

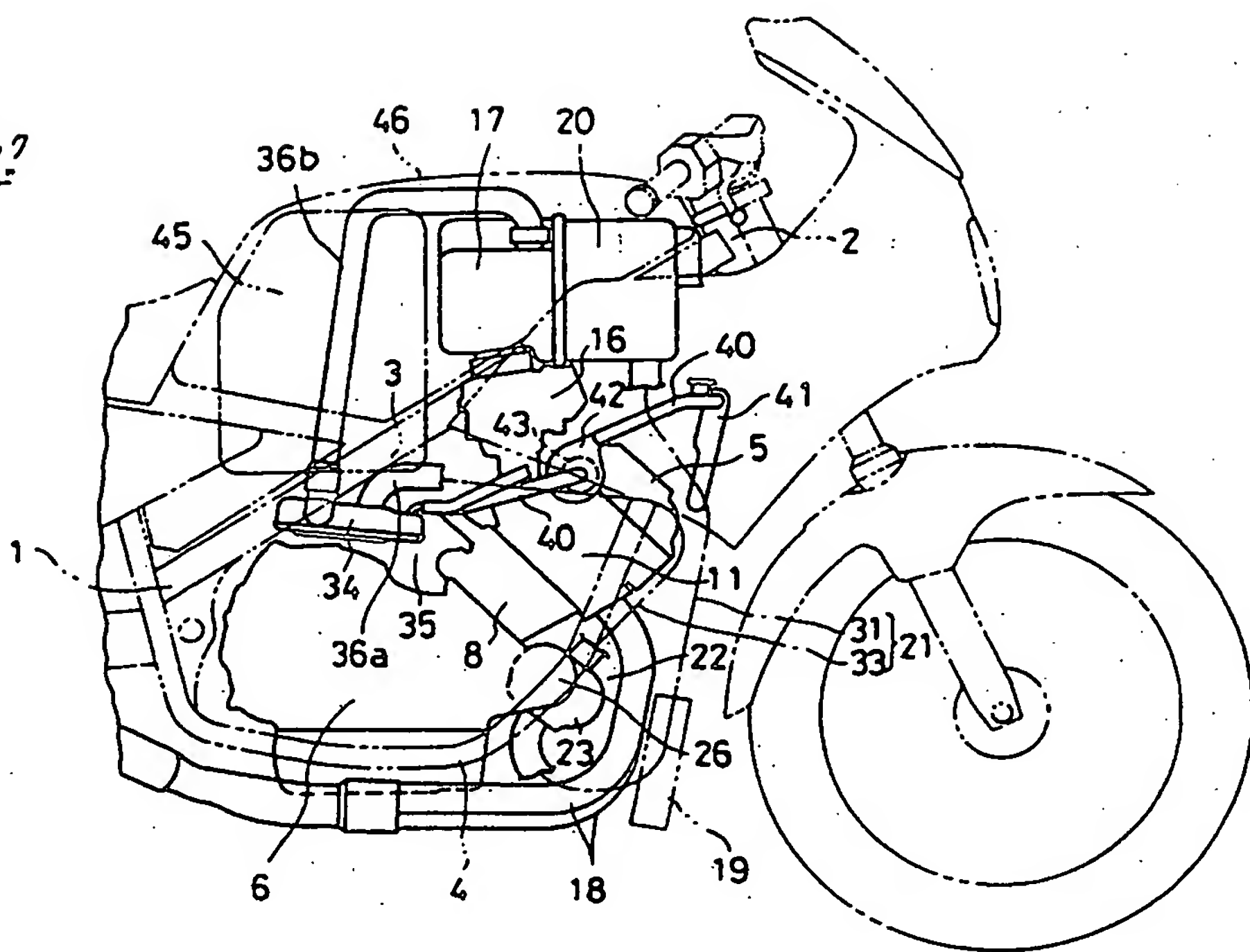
ABSTRACT:

PURPOSE: To centralize mass by placing a carburetor and an air cleaner being arranged up and down on the upper portion of a cylinder head, providing a supercharger on the intake pipe line thereof while providing an intercooler on the lower course side thereof, and placing same on a crankcase.

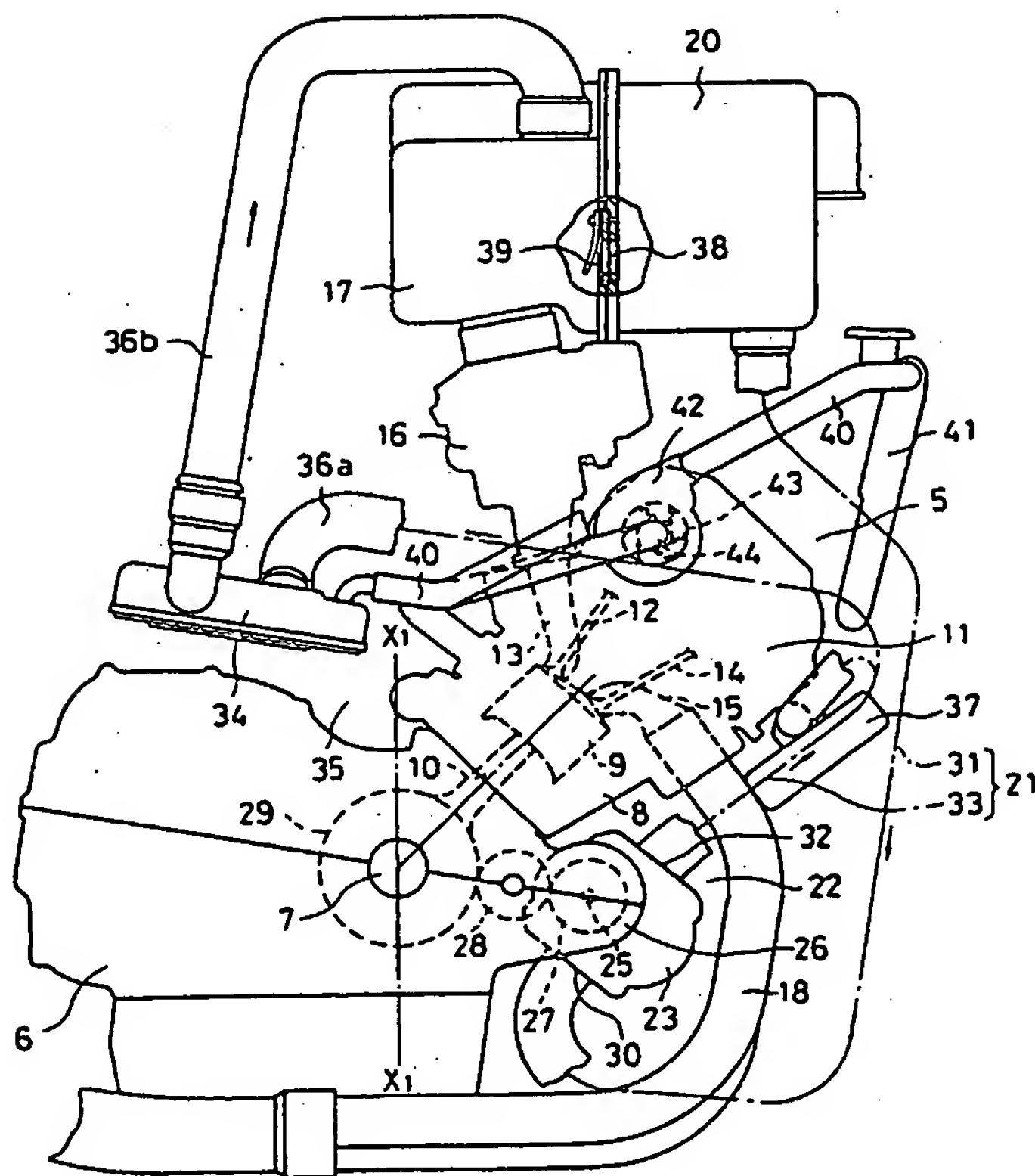
CONSTITUTION: Since a carburetor 16 connected to a cylinder head 11 and an air cleaner 20 are placed on the upper portion of the cylinder head 11, a large space can be ensured above a crankcase 6 adjacent to the backside of the cylinder head 11 and a cylinder block 8, enabling an intercooler 34 to be naturally placed in a space provided above this crankcase 6. Therefore, the water-cooled intercooler 34 having a relatively large weight can be positioned nearly in the vicinity of the center, to enable the position of the center of gravity of a vehicle body to be placed closer to the center, improving drivability and stability.

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- 5...エンジン
6...クランクケース
8...シリンダブロック
11...シリンダヘッド
16...気化器
20...エアクリータ
21...吸気管路
22...過給機
34...インタークーラ
35...空間



第 1 図



第 2 図